

MODIS Technical Team Meeting
Thursday, August 26, 20004
Building 33, Room E125

Vince Salomonson chaired the meeting. In attendance were Eric Vermote, Chris Justice, Steve Kempler, and Ed Masuoka, with Yolanda Harvey taking the minutes.

1.0 Upcoming Events

- AIAA Space 2004 Conference and Exhibit, San Diego, California, September 28-30 2004. <http://www.aiaa.org/>
- The 12th Australasian Remote Sensing and Photogrammetry Conference, Fremantle, Western Australia 18-22 October 2004.
<http://www.rss.dola.wa.gov.au/12arspc/>
- Snow and Ice User Workshop, SSAI offices, Aerospace Building, Lanham MD. November 16-17, 2004.

2.0 Meeting Minutes

2.1 General Discussion

Salomonson noted that Jeff Morisette is providing the leadership for a special issue dealing with validation of land products. It will be in the Transactions of Geoscience and Remote Sensing. Papers are due in October.

2.2 Instrument Status

Salomonson reported that there is an effort for the Terra satellite to restore the condition of the Solid State Recorder via recycling. He has done a small survey to see if there are any field experiments being held currently that would be adversely affected when this activity occurs. So far he has not heard of any that would be affected. Justice concurred, but said he would check further.

Salomonson reported that there is a sensor calibration conference in Utah this week. Jack Xiong is attending and is not present for a detailed instrument report, but both instruments appear to operating well.

Salomonson reported that MCST is decreasing their staffing level per the budget in the approved Team Leader proposal, and as a result they're overloaded with work, so we need to start prioritizing. Resolving the differences between MODIS and SeaWiFS is regarded as the highest priority. Other requests will have to be prioritized that include requests from Team members and the community for instrument spectral response and noise figures, etc. Much of this information is available on the web on the MCSTS web pages. Justice suggested prioritizing by discipline, and using this forum for interdisciplinary tradeoff.

2.3 DAAC

Kempler reported that Aqua and Terra processing is proceeding at 1x each, as scheduled. The DAAC had no planned downtime, but did have to go down for three unplanned hours. There has

also been some data corruption, which is subject of examination. Kempler attended the ESIP Federation meeting where NASA data Long-Term Archive (LTA) was discussed. Besides CLASS status information (CLASS is NOAA's archive system which is to be the permanent residence for NASA data, currently being developed at the Suitland facility), NCDC scientist John Bates, lead a discussion on data access requirements from ESIP participants.

2.4 SDST

Masuoka reported receiving an email about quite a lot of MODIS property at SBRS that is scheduled to be excessed. The people there are wondering if we need to keep any, since it will cost quite a lot of money to excess it. Masuoka said that we need someone at MCST to look it over first and that some of the test equipment may be needed if we run into problems with either MODIS instrument.

Masuoka said that he has asked Ridgeway and Hucek to look at the Cloud Optical Depth status, which has slipped several weeks off of Atmospheres processing schedule. He hoped to come up with some options to get the issue resolved, otherwise they will have to reschedule Atmospheres processing. Note: developer delivered the Cloud Optical Depth software on Friday August 29.

2.5 Land

Salomonson asked how the Land Group--Montana meeting went, and Vermote replied that it went well. There were 150 users there, including European users, and people were really impressed with the MODIS data shown. The attendees were mostly scientists from what he could tell. Diane Wickland from Hq was able to attend also. They got a lot of positive responses about product quality, and the presentations were well done.

Salomonson asked Vermote about his interest in Terra MODIS polarization data from Xiong, and Vermote replied that he would like data and documentation. He met with Xiong two weeks ago during an MsWG meeting, during which they discussed polarization and x-talk correction, especially on Terra Band 7. MCST will run more analyses to determine how polarization is characterized on Terra MODIS, since they want to perfect characterization of the instrument. They have noticed a signal-noise problem that doesn't come from the instrument itself, so they want to understand how it's happening. Salomonson asked if they've looked at the work of the Oceans team, and Gerhardt in particular, and Vermote said yes, they're looking there, but they want to get a good understanding and do their own correction.

Justice mentioned an upcoming workshop featuring a lot of MODIS data.

3.0 Action Items

3.1 New Action Items

No new action items.

3.2 Old Action Items

3.2.1 Tech Team to further discuss TRW using MODIS data for validation of the NPP/NPOESS production process.

Status: Open.

3.2.2 Johnston to determine what data should be going into the DAAC.

Status: Open.

Johnston reported being at the beginning stages of laying out details for Collection 5, and is trying to identify the right levels for the Science Team in terms of data archiving.